

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: PARK, Jee-Hoon et al.

GROUP ART UNIT: 2157

APPLN NO: 10/811,546

EXAMINER: MCLEOD, Marshall M.

FILING DATE: March 29, 2004

DATED: August 14, 2008

**FOR: APPARATUS AND METHOD FOR SYNCHRONIZING PRESENCE ATTRIBUTE
DATA BETWEEN TERMINAL AND SERVER**

Mail Stop A.F.
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL FORM

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

For	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate (Small Entity)	Addt. Fee	Rate	Addt. Fee
TOTAL CLAIMS*	18	20	0	x 25 =	\$0	x 50 =	\$0
INDEPENDENT CLAIMS	4	4	0	x105 =	\$0	x210 =	\$0
<input type="checkbox"/> First Presentation of Multiple Dep. Claim				185		370	\$0

* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

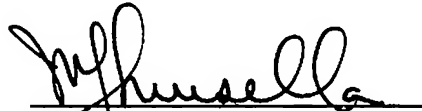
** If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge Deposit Account No. 50-4053 in the amount of \$____. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$__ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-4053. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-4053 therefor.

Respectfully submitted,


Michael J. Musella
Reg. No. 39,310
Attorney for Applicant(s)

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Attorney Docket No.: 678-1314 (P11525)

PATENT APPLICATION

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AMENDMENT

Sir:

In response to the Final Office Action dated May 14, 2008, please consider the following amendments and remarks.

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (New) A method for updating a presence attribute data in a client terminal, having a messenger service, comprising the steps of:

 reading a session IDentification (ID), which is an ID of a previous session between the client terminal and a server;

 reading a client ID for a particular client terminal;

 reading a transaction ID, which designates between the client terminal and the server before a termination of a previous connection;

 generating a synchronization key having at least one of the session ID, the client ID, and the transaction ID; and

 transmitting the generated synchronization key to the server.

14. (New) The method as claimed in claim 13, wherein the transaction ID is generated according to a last response of the server for a request of a client terminal.

15. (New) The method as claimed in claim 13, wherein the presence attribute data includes at least one of a list of friends, statuses of the friends, addresses of the friends and contact information of the friends, and

wherein the presence attribute data is stored in the client terminal for a messenger service.

16. (New) The method as claimed in claim 13, further comprising after connecting a session with the server, storing a session ID.

17. (New) The method as claimed in claim 13, further comprising whenever a session between the server and the client terminal is established, updating the presence attribute data, the session ID, the client ID, and the transaction ID.

18. (New) A method for sending a presence attribute data for providing a messenger service in a server, comprising the steps of:

receiving a presence attribute data request from a client terminal;

identifying the received presence attribute data request;

identifying a session IDentification (ID) from the received presence attribute data request;

if the session ID is a previous session ID used for a previous connection, checking presence attribute data updated after the previous session ID; and

transmitting the updated presence attribute data to the client terminal.

19. (New) The method as claimed in claim 18, further comprising identifying a client ID from the received presence attribute data request, wherein the client ID is a

unique ID of the client terminal.

20. (New) The method as claimed in claim 18, further comprising identifying a transaction ID from the received presence attribute data request, wherein the transaction ID is designated between the client terminal and the server before a termination of the previous connection.

21. (New) The method as claimed in claim 18, wherein transmitting the updated presence attribute data to the client terminal includes:

identifying at least one of the session ID, the client ID, and the transaction ID from the received presence attribute data request; and

transmitting the updated presence attribute data to the client terminal corresponding to the identified at least one of the session ID, the client ID and the transaction ID, using at least one of the session ID, the client ID, and the transaction ID, wherein the updated presence attribute data is transmitted to the client terminal after a termination of the previous connection.

22. (New) A client terminal for updating presence attribute data for a messenger service, the client terminal comprising:

a processor for reading a previous session IDentification (ID) between the client terminal and a server before a reconnection to the server, reading a client ID, which is a particular ID of the client terminal, reading a transaction ID which designates between the client terminal and the server before a termination of a previous connection, and generating a synchronization key by using at least one of the previous session ID, the client ID and the transaction ID; and

a transmitter for transmitting the generated synchronization key to the server.

23. (New) The client terminal as claimed in claim 22, wherein the transaction ID

is generated according to a last response, of the server, to a request of a client terminal.

24. (New) The client terminal as claimed in claim 22, further comprising a memory for storing presence attribute data having a list of friends, statuses of the friends, addresses of the friends, and contact information of the friends for operating a messenger service.

25. (New) The client terminal as claimed in claim 24, wherein the memory stores the session ID, the client ID, and the transaction ID.

26. (New) The client terminal as claimed in claim 22, wherein whenever a session between the server and the client terminal is established, the processor updates the presence attribute data, the session ID, the client ID, and the transaction ID.

27. (New) A server for transmitting presence attribute data for messenger service to a client terminal, the server comprising:

- a receiver for receiving a presence attribute data request from a client terminal;
- a processor for identifying the received presence attribute data request, identifying a session IDentification (ID) from the received presence attribute data, determining whether the session ID is a previous session ID used for a previous connection, checking presence attribute data updated after the previous session ID; and
- a transmitter for transmitting the updated presence attribute data to the client terminal.

28. (New) The server as claimed in claim 27, wherein the server identifies a client ID from the received presence attribute data request, the client ID being a unique ID of the client terminal.

29. (New) The server as claimed in claim 27, wherein the server identifies a transaction ID from the received presence attribute data request, the transaction ID being designated between the client terminal and the server before a termination of the previous connection.

30. (New) The server as claimed in claim 27, wherein the processor identifies the session ID, a client ID, and a transaction ID from the received presence attribute data request, and

wherein the transmitter transmits the updated presence attribute data to the client terminal corresponding to at least one of the identified session ID, client ID, and transaction ID, the updated presence attribute data being transmitted to the client terminal after a termination of the previous connection.

REMARKS

Prior to this amendment, Claims 1-12 were pending in the application. The Examiner has rejected the claims as follows: Claims 1-3 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Application Publication No. 2003/0065788 A1 to Salomaki; Claims 4 and 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Salomaki in view of U.S. Patent Application No. 2002/0120760 A1 to Kimchi et al.; and Claims 5, 7-8, and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Salomaki in view of Kimchi and further in view of U.S. Patent No. 6480957 B1 to Liao et al. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Salomaki in view of Liao et al. and further in view of Kimchi et al.

As indicated above, Claims 1-12 have been cancelled and new Claims 13-30 have been added. No new matter has been presented. Claims 13-30 are now pending, with Claims 13, 18, 22, and 27 as independent Claims.

Regarding independent Claims 13, 18, 22, and 27, the present application claims transmitting only updated presence information when the client terminal requests a reconnection by using at least one of a session ID, a transaction ID, and a client ID, which are set between the server and the terminal before a disconnection. However, the cited references fail to teach, disclose, or suggest, alone or in combination, the feature of identifying only updated information data by using the above IDs (session, transaction, and client IDs) after a termination between the terminal and the server, and then transmitting updated presence data. Therefore, for at least the above reasons, independent Claims 13, 18, 22, and 27 are patentable over the prior art.

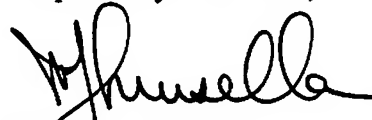
Claims 14-17, 19-21, 23-26, and 28-30 are dependent claims, and are believed to be in condition for allowance for at least the reasons given above with regard to their

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respective independent Claims 13, 18, 22, and 27.

Accordingly, all of the claims pending in the Application, namely, Claims 13-30 are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicants' attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Musella", with a stylized flourish at the end.

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